

Improved Direct Air Support Central (IDASC) Product Improvement Program (PIP)

DESCRIPTION

The High Mobility Downsized (HMD) Direct Air Support Central (DASC) is an IDASC PIP consisting of three components: downsizing/repackaging of the AN/TSQ-155 (IDASC) and OE-334/TRC (Antenna Coupler Group); automation of selected DASC functions; and communications upgrades. Elements of the program will be fielded to both the Marine Air Support Squadrons (MASS) and the Marine Tactical Air Command Squadrons (MTACS).

The AN/TSQ-207 (Communications, Air Support Central) replaces the AN/TSQ-155 IDASC and the OE-334/TRC Antenna Coupler Group for MASSs. The AN/TSQ-207 consists of five lightweight multipurpose shelters (LMS) mounted on M-1097 heavy HMMWV's towing M-116A3 trailers. Each LMS is equipped with a dynamic communications distribution system (CDS) that provides operators access to various radios, telephones, and intercoms. The DASC receives twelve ruggedized Telos SS-5 laptop computers and three Telos SS-20 servers per each AN/TSQ-207. The system will include mobile electric power and environmental control units for each vehicle/trailer set.

The AN/MRQ-12 replaces the OE-334/TRC Antenna Coupler Group, AN/TYA-16C Communications Group, and selected portions of the AN/TYQ-51 Advanced Tactical Air Command Central for MTACS. The AN/MRQ is a single LMS mounted on an M-1097 heavy HMMWV with a M-116A3 trailer. The system will include mobile electric power and environmental control units for each vehicle/trailer set.

PROCUREMENT PROFILE:	FY00	FY01
<i>Quantity:</i>		
<i>AN/TSQ-207 per MASS (2)</i>	<i>0</i>	<i>0</i>
<i>AN/MRQ per MTACS (3)</i>	<i>0</i>	<i>0</i>

OPERATIONAL IMPACT

The acquisition objective is a total of 54 vehicles. Each system supports 20 operators in the MASS and 26 operators in the MTACS.

PROGRAM STATUS

The program reached FOC in FY99.

DEVELOPER/MANUFACTURER

System Integrator - Naval Surface Warfare Center, Crane, IN